

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

Shell Oil Company (Company or Operator) Allen Estate (Lease)

Well No. 4, in NE 1/4 of NE 1/4, of Sec. 34, T. 19S, R. 35E, NMPM.

Pearl Queen Pool, Lea County.

Well is 660 feet from north line and 660 feet from east line of Section 34. If State Land the Oil and Gas Lease No. is

Drilling Commenced April 4, 1960 Drilling was Completed April 17, 1960

Name of Drilling Contractor Moran Drilling Company

Address P. O. Box 1718, Hobbs, New Mexico

Elevation above sea level at Top of Tubing Head 3701 The information given is to be kept confidential until not confidential, 19

OIL SANDS OR ZONES

No. 1, from 4728' to 4733' No. 4, from to

No. 2, from to No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8 5/8"	32#	new	98'				Surface string
5 1/2"	15.5# & 17#	new	4987'	float		4728'-4733'	Oil string

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8 5/8"	107'	85	Pump & Plug	Cemented to surface	
7 7/8"	5 1/2"	4996'	200	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Perforated 5 1/2" casing 4728'-4733' w/4-1/2" JSFF.

Treated w/11,298 gallons lease oil containing 1/40 # Mark II Adomite & 2 # sand/gallon.

Result of Production Stimulation On OPT pumped 80 BOPD cut 0.4% BS&W on 10-5/4" SPM

Depth Cleaned Out 4980'

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 5000 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing May 1, 1960
OIL WELL: The production during the first 24 hours was 80 barrels of liquid of which 99.6% was oil; 0.4% was emulsion; % water; and % was sediment. A.P.I. Gravity. 35.1° API
GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.
Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Rustler			Southeastern New Mexico			Northwestern New Mexico		
T. Anhy	1780'	(+1928')	T. Devonian			T. Ojo Alamo		
T. Salt			T. Silurian			T. Kirtland-Fruitland		
B. Salt			T. Montoya			T. Farmington		
T. Yates	3430'	(+278')	T. Simpson			T. Pictured Cliffs		
T. 7 Rivers	3937'	(-229')	T. McKee			T. Menefee		
T. Queen	4608'	(-900')	T. Ellenburger			T. Point Lookout		
T. Grayburg			T. Gr. Wash			T. Mancos		
T. San Andres			T. Granite			T. Dakota		
T. Glorieta			T.			T. Morrison		
T. Drinkard			T.			T. Penn		
T. Tubbs			T.			T.		
T. Abo			T.			T.		
T. Penn			T.			T.		
T. Miss			T.			T.		

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	60	60	Surface sands & caliche				
60	1780	1720	Red Beds				
1780	3430	1650	Salt and Anhydrite				
3430	3937	507	Shale, Anhydrite, and Dolo.				
3937	4608	671	Dolomite				
4608	5000	392	Sand and Dolomite				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

May 2, 1960

Company or Operator Shell Oil Company
Original Signed By R. A. Lowery
Name R. A. LOWERY
Address Box 845, Roswell, New Mexico
Position Title District Exploitation Engineer